

INDEX TO VOLUME XVI.—1878-'79.

Academy, Military, Are Cadets Officers, 87, 54, 70, 90, 268—A Scrap of History, 274, 357, 693, 730, 745, 747, 765, 786, 805, 812, 813, 825—Assignment of Cadets, 845, 914—Hazing at, 939, 958—Next Vacancies, 939—How Cadets should be Appointed, 460. (See West Point.)

Academy, Naval, 22, 23, 26, 150 (and Yellow Fever, 186), 270, 287, 307, 322, 323, 354, 355, 357, 412, 497, 584, 618, 635, 656, 657, 677, 695, 716, 749, 750, 769, 789, 809, 828, 829, 847, 910, 962—Promotions, 368.

Academics, Annapolis and West Point, 790. Abyssinia, Peaceful Revolution in, 111. Affairs at the Capital, 353, 375, 417, 498, 481, 548, 581, 623, 636, 673, 717, 735, 758, 766, 792, 813, 833, 846, 873, 893, 907, 937, 957.

Afghanistan, 191, 158, 189, 256, 291, 358, 387, 414, 750, 772, 817, 912, 931.

Akin, Capt. John (Centennarian) 75.

Algeria, Revolt in, 933.

Arctic Expedition, Mr. Bennett's, 584, 837, 868, 886, 935.

Answers to Correspondents, 14, 30, 46, 62, 78, 94, 111, 158, 191, 210, 275, 311, 345, 361, 377, 401, 421, 442, 461, 483, 503, 519, 540, 556, 573, 593, 609, 625, 645, 663, 685, 737, 757, 775, 796, 816, 836, 857, 876, 889, 941, 961.

Arms and Equipment (See Equipment).

ARMY OF THE UNITED STATES.

N. B.—The references to regiments and corps under the heading of "The Army" in each number of the JOURNAL are not included in this index.

Decisions by the W. D., A.-G. O., 115, 199, 247, 319, 763, 783, 805, 823, 825, 863, 905.

Promotions, 67, 133, 163, 406, 471, 578, 601, 615, 651, 673, 677, 699, 709, 733, 745, 762, 763, 785, 822, 823, 845, 863, 930, 949—Retirement, 698, 701, 731, 939—Casualties, 70, 100, 117, 149, 201, 285, 385, 409, 653, 673, 709, 763, 865, 885, 930, 949—

G. O., H. Q. A., Series of 1878, No. 59, p. 3—Nos. 60, 61, 35—Nos. 62, 63, p. 51—Nos. 64, 65, 66, 67, p. 67—No. 65, p. 73—No. 69, p. 83—Nos. 71, 72, 73, 74, p. 147—No. 75, p. 163—No. 77, p. 188—Nos. 76, 78, p. 215—Nos. 79, 80, p. 231—Nos. 83, p. 247—Nos. 84, 86, p. 203—Nos. 87, 88, 89, p. 303—Nos. 90, p. 319—Nos. 92, p. 351, 369—Nos. 91, 92, 93, p. 388—Series of 1879—Nos. 1, 2, 451—No. 4, p. 470—Nos. 3, 5, 6, p. 491—No. 7, p. 527—Nos. 8, 9, 11, 12, p. 547—No. 13, p. 62—Nos. 14, 15, 16, p. 563—Nos. 18, 19, 20, 22, 24, p. 578—No. 25, p. 547—Nos. 27, 28, p. 599—Nos. 31, 32, 33, 34, p. 615—Nos. 35, 36, 37, 38, 39, 40, p. 631—Nos. 10, 23, 36, p. 651—Nos. 41, 42, 43, p. 671—Nos. 28, 45, p. 690—Nos. 29, 30, 44, 46, p. 707—No. 47, 48, p. 727—Nos. 49, 50, 51, p. 742—Nos. 52, 53, p. 763—Nos. 55, 56, 57, p. 803—Nos. 58, 59, p. 823—Nos. 60, 61, 62, p. 843—No. 63, p. 863—No. 64, p. 886—Nos. 65, 66, 68, p. 883—Nos. 67, 70, p. 903—Nos. 71, 73, 74, 75, pp. 927, 928—No. 77, p. 947.

Military Divisions, Departments, and Districts, Orders from: Division Atlantic, 36, 199, 863, 903, 930; Missouri, 383, 886; Pacific, 68, 183, 185, 433, 671, 726, 733, 785, 885, 896, 905; Department Arizona, 270, 351, 452, 651, 845, 865; Columbia, 35, 115, 215, 707, 763, 765, 825, 845, 883, 885, 928; Dakota, 51, 147, 268, 369, 692, 727, 785, 805, 843, 885, 905; East, 267, 805, 863; Missouri, 3, 35, 148, 351, 528, 707, 729, 765, 783, 785, 883, 884, 903, 905, 928, 947; New Mexico, 36, 215, 408, 765, 805, 845, 928, 947; Platte, 68, 183, 215, 267, 269, 581, 651, 727, 763, 771, 823, 863, 883, 903; South, 763, 823, 845, 866, 914; Texas, 35, 433, 491, 765, 783, 805, 825, 843, 863, 885, 903, 905, 928, 930.

Posts and STATIONS. Posts Abandoned, 785, 949; Posts of the Mil. Div. of the Pacific, 671; Bedloe's Island, 94; Camp Guildford D. Bailey, discontinued, 565; Camp Devin, Mo., 20; Camp Lytle, La., 216; Camp Lewis, Colo., 433; Fort Abraham Lincoln, 444, 747; Fort Assiniboine, 785; Fort Bayard, 845; Fort Buford, 444; Fort Clark, 664; Fort

Custer, 444; Fort Foote, 216; Fort Gratiot, 709; Fort Griffin, 765; Fort Keogh, 444; Fort Leavenworth, 118; Fort McHenry, 249; Fort McKinney, 727; Fort McHenry, 765; Fort Meade, 432; Fort Mifflin, 202; Fort Missoula, 874; Fort Monroe, 243, 385, 894, 908, 957; Ft. Pembina, 201, 432; Fort Reno, 233; Fort Riley, 268; Fort Robinson, Outbreak at, 408; Fort Sidney, 920; Fort Snelling, 892; Fort Stanton, 99; Fort Vancouver, 368, 582; Fort Warren, 320; Fort Whipple, 200, 248, 369, 874; Post Charleston, S. C., 653; Post Milk River, 745; Prescott Barracks, 117.

G. C. M. ORDERS.—COURTS OF INQUIRY, ETC. (See headings of the regiments and staff departments to which officers concerned belong.)

Beck, W. H., 823; Blair, T., 432; Bendeire, C., 789; Brackett, A. G., 69; Casey, J. S., 248; Casey, T., 671; Cunningham, C. N. W., 321; Dawson, L. L., 287; Fleming, W. W., 885; French, Capt. S. H., Seventh Cavalry, 652; Gunther, S., 652; Gilbreath, E. C., 904, 929; Haller, G. O., 632; Hammond, Wm. A., 270; Hembill, Capt. W. C., 631; Kells, D. C., 91, 108, 106, 413; Keller, Chas., 824; King, J. H. T., 215; Lee, P. L., 652; Macomber, A. C., 864; Maxwell, E. A., 37, 44; Mullany, F. A., 618; Mix, John, 491; Peale, J. T., 491; Perry, D., 351; Porter, F. J., 74, 86, 154, 186, 204, 206, 222, 345, 395, 571, 621, 625, 638, 639, 664, 717, 792; Price, Geo. F., 904; Rodgers, Capt. J. L., 284; Rosson, R. L., 547; Randolph, A. M., 267; Reno, M. A., 274, 367, 385, 407, 432, 442, 453, 473, 493, 513, 563, 564, 581; Read, O. B., 904, 929; Rendlebrook, J., 884; Sanderson, G. K., 471; Spaulding, E. J., 471; Stanley-Hazen, 583, 604, 634, 654, 674, 693, 702, 710, 751, 772, 787, 807, 831, 852, 874; Wainwright, S. A., 97; Wessells, M. C., 321.

Inspector General's Office, 389.

Judge Advocate General, 115, 302, 727, 910.

Paymaster General's Circulars, 5, 207, 908.

Quartermaster's Department, Index to Orders, 221, 600.

Annual Report of Secretary, 221, 285.

War Department Removal, 717; New Building, 584, 618, 656, 729; A New Secretary, 792, 892, 909, 913.

References to various Officers.

Barry, Gen. W. F., 935, 937.3

Fry, Gen. J. B., 894.

Gibbon, Gen., 116.

Hancock, Gen., Annual Report, 250, 492, 618, 646, 666, 718.

Hazen, W. B., 444, 931.

Hooker, Gen. Joseph, 21, 59, 827.

Howard, Gen. O. O., his book, "Donald's School Days," 517, and Chief Joseph, 697, 698, 850.

Humphreys, Gen. A. A., 78, 805.

Miles, Gen. N. A., 9, 954, 968.

Neil, Gen., 847.

Pope, Major Gen. John, 37.

Schofield, Gen., 410.

Sherman, Gen. W. T., 14, 22, 58, 118, 153, 154, 171; Annual Report, 249, 477, 496, 513, 528, 565, 653, 746, 847, 866, 894.

Sheridan, Lieut.-Gen., 5, 21; Annual Report, 223, 250, 292, 358, 372, 401, 909.

Stanley, Gen., Civil Suit Against, 914.

Terry, A. H., 455.

Wilcox, Gen., 408.

Warren, Gen. G. K., 892.

Army, Appropriations for 1879, 80, 886; Appropriation Bill, 621; Applied Tactics, 234; Artificial Limbs, 588; At the Polls, 873; The, a National Necessity, 766; The, and the Indians, 37; The, and the People, 766; The, and State Troops, 253; Appointments and Promotions, Rules of, 696; and Navy Aristocracy, An, 255; "Aurea Medicoritatis," 535; and the Indian Office, 272, 681, 808; Service Music and Signal Calls, 534; Mutton to be issued to Troops, 491; National Cemetery, 117; National Military Element, The, 414; Non-Commissioned Officers, 790, 851, 871, 906, 907; Non-Commissioned Promotions, 872; Nominations 296, 615, 651, 745, 805, 823, 845, 891; Officers and Cattle Inspections, 765; Posts, Extra Duty Pay at, 35; Designated Forage Stations at, 35; Post Fund, 431; Post Schools, 171, 398; Pack Animals, how many allowed, 621; Pay

and Promotion, 696; Pensions to Enlisted Men, 206; Arrears of Pensions Act, 569, 750; 289; The New Plan, 356; Present Status of the, 673, 699; Promotion from the Ranks, 256; Promotions, The Question of, 750; Why Stop the Flow of Promotions, 688; Preparations against Yellow Fever, 871; Punishment of Prisoners, 115; Recruiting Service, 133, 147, 162, 198, 215, 230, 246, 288, 351, 367, 383, 450, 471, 491, 527, 578, 599, 651; Rosters of Regiments, 5, 69, 100, 117, 384, 450, 472, 492, 527, 547, 548, 565, 580, 581, 599, 633, 709; Reducing the, 75; Register, 369, 955; Reorganization Bill, 311, 321, 325, 342, 359, 373, 398, 436, 438, 459, 478, 498, 500, 501, 516, 534, 659, 752 (see also Congress); Senator Burnside Explains his Bill, 353; and the Ordnance Corps, 386; Discussions of the, 399; General Sheridan on, 419; General Pope on, 409; Reorganization Scheme, The, 417; Report of General Burnside's Committee (see Supplement, Dec. 14, 1878); Mr. White's Bill, 746; Committee, The, 274, 374; Wants of the Soldier, versus, 873; Retired Lists, its Design and Use, 794; Filling the Retired List, 190, 206; Retiring Board, 618; Officers, an Error corrected, 398; The Revised Regulations, 872, 892; Soldier's Home, The, 10, 42; Home at Bath, 266, 359, 458; Home and Army Ration, 74; Surgeons' Fuel Allowances, 68; Assistant Surgeons' Rank, 623, 806, 883, 908; Have the Scouts Reported? 74; Schools, 791; Support of Army, 891; Staff and Line, 371, 398; Three Months' Pay to Mexican Veterans, 623; Trials of an Army Command, 75; "The Reason Why" Criticism of A. G. Dept., 587; Amateur Theatricals, 452; Threatened Invasion of the Indian Territory, 715; Wade Hampton on the Army, 814; The War on the Army, 293; What the Army and Navy Want, 604; Why Soldiers Desert, 832; Vacancies in Rank of Captain, 75; Vacancies, 891, 920; Keop at Fort Sill, 291; Barrack Damages, 15; Barrack Chairs, Officers may Purchase, 563; Bugle Calls, New, 957; Who Recommended Blair? 716, 752, 792; Changes of Stations of Troops, 99, 130, 188, 215, 246, 351, 471; Candidates for Vacancies, 872, 896; Choice of Quarters, 660; Civilian Appointees, 956; Command of the, 806, 883, 919; Commissary Department, 493; The Army Commission, 5; Confirmations, 709, 863; The "Code" in the Army, 907; Causes and Cure of Desertion, 884; Enlisted Men Sentenced to Confinement, 70, 285, 385, 683, 765, 886; Examination for 2d Lieutenant, Rules, 930; Fresh Vegetables for Troops, 626; Fuel, Issue of, to Officers, 431, 439; Gardening, 588, 681; Good Condition of Army, 189; General Service Clerk, The, 773, 908; How to Enter a Soldier's Home, 826; Judge Advocates, 223; Judicial Decisions, Affecting, 362; Lineal Promotion, 10; Lieutenants from Civil Life, 913, 956; Line Officer's Growl, 484; Line and Staff, 493; Law, Lieut. Ives on, 751; Laundresses, 115, 853, 872; Life Insurance and Army Officers, 74; Long Service Men, 74; Married Soldiers, 452; Married Soldiers, A Plea for, 190; Malingerers, 58; Mutual Aid Association, 375, 414, 416, 437, 500, 543, 699; Musicians of the, 399.

Armament of Forts, 541.

Army, British, 622, 850, 854—Employment of Indian Troops, 26—Strength of, 95, 610—War Rockets, 297—Fortifications, 413—Corps of Constructors, 517—Griffith's History of, 622—Canned Meats in Ration, 256—Lieut. Carey's Court-martial, 938—In India, 419, 661—Crime in, 757—Committee on Army System, 872.

Army, The Chinese, 878, 445.

Army, The Dutch, Interesting Episode, 660.

Army, The French, Changes in Equipment, 68—Boots Adopted, 95—Vincennes Review, The, 210—New Colors for, 484—Bathing in, 523—Number of Horses in, 508—Losses in 1870-71, 921—Recruits for, 540.

Army, The German, The German Artillery, 806—Ambulance Wagons, Otis, in, 600.

Army, The Italian, 127—Trial at Spezia, 889.

Army, The Peruvian, 701.

Army, The Persian, 797—Upton's Report on, 24—Reorganization of, 541.

Army, The Russian, 63, 502—Report on Revolving Cannon, 414—Artillery, 574.

Army, The Spanish, Reorganization of, 485.

Army, The Swedish, 111.

Amazon Survey, 171.

Ammunition, The O'Hara Shell, 854—Expenditure in Turkish War, 298—For Turkey, 626—For South America, 754.

Armament, Sea Coast, 292, 387, 620.

Armor, Cast Steel, for Ships, 769—Experiments with, in England, 961.

Arms, Rapid Firing in European Wars, 757, and Armories, 275.

Arms, Small, Turkish Orders for, 961.

Army and Navy Journal, The, 324—Prize, 61, and Gen. Custer, 255.

Arsenals, Government and Private Establishments, 42—The Charleston, 702.

Artillery, American, 682—American Heavy, 256—Air Spaces between Shot and Charge, 837—A Friend at Court, 399—British, 123, 127, 219—Heavy, 445—100-ton Gun, 869—Bursting of Guns, 681—Bursting Guns by Displacement of Projectiles, 853—Conversions of Guns, 388, 416—Iron-clad, Field, 47—Development of Prussian Field, 866—Heavy Guns, 401—Who shall Command the, 800—Heavy Guns, Improvement in Working, 508—History of the First, 784—Krupp Guns, 721—New Krupp Gun, 297—Modern, 205, 500—Modern European, 122—Naval Guns, 751—Pressure of Discharge, 683—Russian Battery, 226—Querries, 588—The Evans Machine, 191—The Lowell Machine, 191, 586—Krupp's Great, 884—Steel and Iron, 884—Power of Chambered, 80 (See Ordinance.)

Artillery School, Bill to Reorganize, 519.

Aztec Club, 105.

Austria and Turkey, 158.

Balloons in Warfare, 108—Military, 925 913, 950.

Base Ball, 37, 70.

Bates, Major, his letter, 616, 619.

Battle Monument Fund, 88.

Big Springs Award, The, 774.

Bismarck and American Officers, from Dr. Busch's Work, 605.

Board of Health, Refrigeration of Vessels, 881.

Boat Race, International, at Rio, 187.

Bolivian Letters of Marque, 846.

Bonaparte in America, The

INDEX TO VOLUME XVI.—1878-'79.

Academy, Military, Are Cadets Officers, 87, 54, 70, 90, 268—A Scrap of History, 274, 357, 693, 730, 745, 747, 765, 786, 805, 812, 813, 825—Assignment of Cadets, 845, 914—Hazing at, 939, 958—Next Vacancies, 939—How Cadets should be Appointed, 460. (See West Point.)

Academy, Naval, 22, 23, 26, 150 (and Yellow Fever, 186), 270, 287, 307, 322, 323, 354, 355, 357, 412, 497, 584, 618, 635, 656, 657, 677, 695, 716, 749, 750, 769, 789, 809, 828, 829, 847, 910, 962—Promotions, 368.

Academics, Annapolis and West Point, 790. Abyssinia, Peaceful Revolution in, 111. Affairs at the Capital, 353, 375, 417, 498, 481, 548, 581, 623, 636, 673, 717, 735, 758, 766, 792, 813, 833, 846, 873, 893, 907, 937, 957.

Afghanistan, 191, 158, 189, 256, 291, 358, 387, 414, 750, 772, 817, 912, 931.

Akin, Capt. John (Centennarian) 75.

Algeria, Revolt in, 933.

Arctic Expedition, Mr. Bennett's, 584, 837, 868, 886, 935.

Answers to Correspondents, 14, 30, 46, 62, 78, 94, 111, 158, 191, 210, 275, 311, 345, 361, 377, 401, 421, 442, 461, 483, 503, 519, 540, 556, 573, 593, 609, 625, 645, 663, 685, 737, 757, 775, 796, 816, 836, 857, 876, 889, 941, 961.

Arms and Equipment (See Equipment).

ARMY OF THE UNITED STATES.

N. B.—The references to regiments and corps under the heading of "The Army" in each number of the JOURNAL are not included in this index.

Decisions by the W. D., A.-G. O., 115, 199, 247, 319, 763, 783, 805, 823, 825, 863, 905.

Promotions, 67, 133, 163, 406, 471, 578, 601, 615, 651, 673, 677, 699, 709, 733, 745, 762, 763, 785, 822, 823, 845, 863, 930, 949—Retirement, 698, 701, 731, 939—Casualties, 70, 100, 117, 149, 201, 285, 385, 409, 653, 673, 709, 763, 865, 885, 930, 949—

G. O., H. Q. A., Series of 1878, No. 59, p. 3—Nos. 60, 61, 35—Nos. 62, 63, p. 51—Nos. 64, 65, 66, 67, p. 67—No. 65, p. 73—No. 69, p. 83—Nos. 71, 72, 73, 74, p. 147—No. 75, p. 163—No. 77, p. 188—Nos. 76, 78, p. 215—Nos. 79, 80, p. 231—No. 83, p. 247—Nos. 84, 86, p. 203—Nos. 87, 88, 89, p. 303—No. 90, p. 319—No. 92, p. 351, 369—Nos. 91, 92, 93, p. 388—Series of 1879—Nos. 1, 2, 451—No. 4, p. 470—Nos. 3, 5, 6, p. 491—No. 7, p. 527—Nos. 8, 9, 11, 12, p. 547—No. 13, p. 62—Nos. 14, 15, 16, p. 563—Nos. 18, 19, 20, 22, 24, p. 578—No. 25, p. 547—Nos. 27, 28, p. 599—Nos. 31, 32, 33, 34, p. 615—Nos. 35, 36, 37, 38, 39, 40, p. 631—Nos. 10, 23, 36, p. 651—Nos. 41, 42, 43, p. 671—Nos. 28, 45, p. 690—Nos. 29, 30, 44, 46, p. 707—No. 47, 48, p. 727—Nos. 49, 50, 51, p. 742—Nos. 52, 53, p. 763—Nos. 55, 56, 57, p. 803—Nos. 58, 59, p. 823—Nos. 60, 61, 62, p. 843—No. 63, p. 863—No. 64, p. 886—Nos. 65, 66, 68, p. 883—Nos. 67, 70, p. 903—Nos. 71, 73, 74, 75, pp. 927, 928—No. 77, p. 947.

Military Divisions, Departments, and Districts, Orders from: Division Atlantic, 36, 199, 863, 903, 930; Missouri, 383, 886; Pacific, 68, 183, 185, 433, 671, 726, 733, 785, 885, 896, 905; Department Arizona, 270, 351, 452, 651, 845, 865; Columbia, 35, 115, 215, 707, 763, 765, 825, 845, 883, 885, 928; Dakota, 51, 147, 268, 369, 692, 727, 785, 805, 843, 885, 905; East, 267, 805, 863; Missouri, 3, 35, 148, 351, 528, 707, 729, 765, 783, 785, 883, 884, 903, 905, 928, 947; New Mexico, 36, 215, 408, 765, 805, 845, 928, 947; Platte, 68, 183, 215, 267, 269, 581, 651, 727, 763, 771, 823, 863, 883, 903; South, 763, 823, 845, 866, 914; Texas, 35, 433, 491, 765, 783, 805, 825, 843, 863, 885, 903, 905, 928, 930.

Posts and STATIONS. Posts Abandoned, 785, 949; Posts of the Mil. Div. of the Pacific, 671; Bedloe's Island, 94; Camp Guildford D. Bailey, discontinued, 565; Camp Devin, Mo., 20; Camp Lytle, La., 216; Camp Lewis, Colo., 433; Fort Abraham Lincoln, 444, 747; Fort Assiniboine, 785; Fort Bayard, 845; Fort Buford, 444; Fort Clark, 664; Fort

Custer, 444; Fort Foote, 216; Fort Gratiot, 709; Fort Griffin, 765; Fort Keogh, 444; Fort Leavenworth, 118; Fort McHenry, 249; Fort McKinney, 727; Fort McHenry, 765; Fort Meade, 432; Fort Mifflin, 202; Fort Missoula, 874; Fort Monroe, 243, 385, 894, 908, 957; Ft. Pembina, 201, 432; Fort Reno, 233; Fort Riley, 268; Fort Robinson, Outbreak at, 408; Fort Sidney, 920; Fort Snelling, 892; Fort Stanton, 99; Fort Vancouver, 368, 582; Fort Warren, 320; Fort Whipple, 200, 248, 369, 874; Post Charleston, S. C., 653; Post Milk River, 745; Prescott Barracks, 117.

G. C. M. ORDERS.—COURTS OF INQUIRY, ETC. (See headings of the regiments and staff departments to which officers concerned belong.)

Beck, W. H., 823; Blair, T., 432; Bendeire, C., 789; Brackett, A. G., 69; Casey, J. S., 248; Casey, T., 671; Cunningham, C. N. W., 321; Dawson, L. L., 287; Fleming, W. W., 885; French, Capt. S. H., Seventh Cavalry, 652; Gunther, S., 652; Gilbreath, E. C., 904, 929; Haller, G. O., 632; Hammond, Wm. A., 270; Hembill, Capt. W. C., 631; Kells, D. C., 91, 108, 106, 413; Keller, Chas., 824; King, J. H. T., 215; Lee, P. L., 652; Macomber, A. C., 864; Maxwell, E. A., 37, 44; Mullany, F. A., 618; Mix, John, 491; Peale, J. T., 491; Perry, D., 351; Porter, F. J., 74, 86, 154, 186, 204, 206, 222, 345, 395, 571, 621, 625, 638, 639, 664, 717, 792; Price, Geo. F., 904; Rodgers, Capt. J. L., 284; Rosson, R. L., 547; Randolph, A. M., 267; Reno, M. A., 274, 367, 385, 407, 432, 442, 453, 473, 493, 513, 563, 564, 581; Read, O. B., 904, 929; Rendlebrook, J., 884; Sanderson, G. K., 471; Spaulding, E. J., 471; Stanley-Hazen, 583, 604, 634, 654, 674, 693, 702, 710, 751, 772, 787, 807, 831, 852, 874; Wainwright, S. A., 97; Wessells, M. C., 321. Inspector General's Office, 389.

Judge Advocate General, 115, 302, 727, 910.

Paymaster General's Circulars, 5, 207, 908.

Quartermaster's Department, Index to Orders, 221, 600.

Annual Report of Secretary, 221, 285.

War Department Removal, 717; New Building, 584, 618, 656, 729; A New Secretary, 792, 892, 909, 913.

References to various Officers.

Barry, Gen. W. F., 935, 937.3

Fry, Gen. J. B., 894.

Gibbon, Gen., 116.

Hancock, Gen., Annual Report, 250, 492, 618, 646, 666, 718.

Series of 1879—Nos. 1, 2, 451—No. 4, p. 470—Nos. 3, 5, 6, p. 491—No. 7, p. 527

Nos. 8, 9, 11, 12, p. 547—No. 13, p. 62

Nos. 14, 15, 16, p. 563—Nos. 18, 19, 20, 22, 24, p. 578—No. 25, p. 547—Nos. 27, 28, p. 599—Nos. 31, 32, 33, 34, p. 615

—Nos. 35, 36, 37, 38, 39, 40, p. 631—Nos. 10, 23, 36, p. 651—Nos. 41, 42, 43, p. 671—Nos. 28, 45, p. 690—Nos. 29, 30, 44, 46, p. 707—No. 47, 48, p. 727—Nos. 49, 50, 51, p. 742—Nos. 52, 53, p. 763—Nos. 55, 56, 57, p. 803—Nos. 58, 59, p. 823—Nos. 60, 61, 62, p. 843—No. 63, p. 863—No. 64, p. 886—Nos. 65, 66, 68, p. 883—Nos. 67, 70, p. 903—Nos. 71, 73, 74, 75, pp. 927, 928—No. 77, p. 947.

Humphreys, Gen. A. A., 78, 805.

Miles, Gen. N. A., 9, 954, 968.

Neil, Gen., 847.

Pope, Major Gen. John, 37.

Schofield, Gen., 410.

Sherman, Gen. W. T., 14, 22, 58, 118, 153, 154, 171; Annual Report, 249, 477, 496, 513, 528, 565, 653, 746, 847, 866, 894.

Sheridan, Lieut.-Gen., 5, 21; Annual Report, 223, 250, 292, 358, 372, 401, 909.

Stanley, Gen., Civil Suit Against, 914.

Terry, A. H., 455.

Wilcox, Gen., 408.

Warren, Gen. G. K., 892.

Army, Appropriations for 1879, 80, 886; Appropriation Bill, 621; Applied Tactics, 234; Artificial Limbs, 588; At the Polls, 873; The, a National Necessity, 766; The, and the Indians, 37; The, and the People, 766; The, and State Troops, 253; Appointments and Promotions, Rules of, 696; and Navy Aristocracy, An, 255; "Aurea Medicoritas," 535; and the Indian Office, 272, 281, 308; Service Music and Signal Calls, 534; Mutton to be issued to Troops, 491; National Cemetery, 117; National Military Element, The, 414; Non-Commissioned Officers, 790, 851, 871, 906, 907; Non-Commissioned Promotions, 872; Nominations 296, 615, 651, 745, 805, 823, 845, 891; Officers and Cattle Inspections, 765; Posts, Extra Duty Pay at, 35; Designated Forage Stations at, 35; Post Fund, 431; Post Schools, 171, 398; Pack Animals, how many allowed, 621; Pay

and Promotion, 696; Pensions to Enlisted Men, 206; Arrears of Pensions Act, 569, 750; 289; The New Plan, 356; Present Status of the, 673, 699; Promotion from the Ranks, 256; Promotions, The Question of, 750; Why Stop the Flow of Promotions, 688; Preparations against Yellow Fever, 871; Punishment of Prisoners, 115; Recruiting Service, 133, 147, 162, 198, 215, 230, 246, 288, 351, 367, 383, 450, 471, 491, 527, 578, 599, 651; Rosters of Regiments, 5, 69, 100, 117, 384, 450, 472, 492, 527, 547, 548, 565, 580, 581, 599, 633, 709; Reducing the, 75; Register, 369, 955; Reorganization Bill, 311, 321, 325, 342, 359, 373, 398, 436, 438, 459, 478, 498, 500, 501, 516, 534, 659, 752 (see also Congress); Senator Burnside Explains his Bill, 353; and the Ordnance Corps, 386; Discussions of the, 399; General Sheridan on, 419; General Pope on, 409; Reorganization Scheme, The, 417; Report of General Burnside's Committee (see Supplement, Dec. 14, 1878); Mr. White's Bill, 746; Committee, The, 274, 374; Wants of the Soldier, versus, 873; Retired Lists, its Design and Use, 794; Filling the Retired List, 190, 206; Retiring Board, 618; Officers, an Error corrected, 398; The Revised Regulations, 872, 892; Soldier's Home, The, 10, 42; Home at Bath, 266, 359, 458; Home and Army Ration, 74; Surgeons' Fuel Allowances, 68; Assistant Surgeons' Rank, 623, 806, 883, 908; Have the Scouts Reported? 74; Schools, 791; Support of Army, 891; Staff and Line, 371, 398; Three Months' Pay to Mexican Veterans, 623; Trials of an Army Command, 75; "The Reason Why" Criticism of A. G. Dept., 587; Amateur Theatricals, 452; Threatened Invasion of the Indian Territory, 715; Wade Hampton on the Army, 814; The War on the Army, 293; What the Army and Navy Want, 604; Why Soldiers Desert, 832; Vacancies in Rank of Captain, 75; Vacancies, 891, 920; Keop at Fort Sill, 291; Barrack Damages, 15; Barrack Chairs, Officers may Purchase, 563; Bugle Calls, New, 957; Who Recommended Blair? 716, 752, 792; Changes of Stations of Troops, 99, 130, 183, 215, 246, 351, 471; Candidates for Vacancies, 872, 896; Choice of Quarters, 660; Civilian Appointees, 956; Command of the, 806, 883, 919; Commissary Department, 493; The Army Commission, 5; Confirmations, 709, 863; The "Code" in the Army, 907; Causes and Cure of Desertion, 884; Enlisted Men Sentenced to Confinement, 70, 285, 385, 683, 765, 886; Examination for 2d Lieutenant, Rules, 930; Fresh Vegetables for Troops, 826; Fuel, Issue of, to Officers, 431, 439; Gardening, 588, 681; Good Condition of Army, 189; General Service Clerk, The, 773, 908; How to Enter a Soldier's Home, 826; Judge Advocates, 223; Judicial Decisions, Affecting, 362; Lineal Promotion, 10; Lieutenants from Civil Life, 913, 956; Line Officer's Growl, 484; Line and Staff, 493; Law, Lieut. Ives on, 751; Laundresses, 115, 853, 872; Life Insurance and Army Officers, 74; Long Service Men, 74; Married Soldiers, 452; Married Soldiers, A Plea for, 190; Malingers, 58; Mutual Aid Association, 375, 414, 416, 437, 500, 543, 699; Musicians of the, 399. Armament of Forts, 541.

Army, British, 622, 850, 854—Employment of Indian Troops, 26—Strength of, 95, 610—War Rockets, 297—Fortifications, 413—Corps of Constructors, 517—Griffith's History of, 632—Canned Meats in Ration, 256—Lieut. Carey's Court-martial, 938—In India, 419, 661—Crime in, 757—Committee on Army System, 872.

Army, The Chinese, 878, 445.

Army, The Dutch, Interesting Episode, 660.

Army, The French, Changes in Equipment, 68—Boots Adopted, 95—Vincennes Review, The, 210—New Colors for, 484—Bathing in, 523—Number of Horses in, 508—Losses in 1870-71, 921—Recruits for, 540.

Army, The German, The German Artillery, 806—Ambulance Wagons, Otis, in, 600.

Army, The Italian, 127—Trial at Spezia, 889.

Army, The Peruvian, 701.

Army, The Persian, 797—Upton's Report on, 24—Reorganization of, 541.

Army, The Russian, 63, 502—Report on Revolving Cannon, 414—Artillery, 574.

Army, The Spanish, Reorganization of, 485.

Army, The Swedish, 111.

Amazon Survey, 171.

Ammunition, The O'Hara Shell, 854—Expenditure in Turkish War, 298—For Turkey, 626—For South America, 754.

Armament, Sea Coast, 292, 387, 620.

Armor, Cast Steel, for Ships, 769—Experiments with, in England, 961.

Arms, Rapid Firing in European Wars, 757, and Armories, 275.

Arms, Small, Turkish Orders for, 961.

Army and Navy Journal, The, 324—Prize, 61, and Gen. Custer, 255.

Arsenals, Government and Private Establishments, 42—The Charleston, 702.

Artillery, American, 682—Reorganization of, 683.

Heavy, 256—Air Spaces between Shot and Charge, 837—A Friend at Court, 399—British, 123, 127, 219—Heavy, 445—100-ton Gun, 869—Bursting of Guns, 681—Bursting Guns by Displacement of Projectiles, 853—Conversions of Guns, 388, 416—Iron-clad, Field, 47—Development of Prussian Field, 866—Heavy Guns, 401—Who shall Command the, 800—Heavy Guns, Improvement in Working, 508—History of the First, 784—Krupp Guns, 721—New Krupp Gun, 297—Modern, 205, 500—Modern European, 122—Naval Guns, 751—Pressure of Discharge, 683—Russian Battery, 226—Querries, 588—The Evans Machine, 191—The Lowell Machine, 191, 586—Krupp's Great, 884—Steel and Iron, 884—Power of Chambered, 80 (See Ordinance.)

Artillery School, Bill to Reorganize, 519.

Aztec Club, 105.

Austria and Turkey, 158.

Chaplains, 10, 498, 628, 751—A Chaplain's Opinion of Chaplains, 628.
Chase at Sea, A, 774.
Chili, Bolivia, Peru (See South American War and Iquique.)
China Seas, Navigation of, 582.
Colleges, Military Education in, 489.
Colombia, Military Institute in, 398.
Congress, Proceedings in Extra Session, 292, 305, 324, 354, 373, 386, 387, 398, 411, 418, 438, 461, 501, 566, 588, 619, 625, 659, 664, 665, 675, 699, 716, 718—Navy, 718, 735, 746, 766, 786, 812, 880, 881, 869, 871—Naval Affairs, 322—Bills before, 370—Criticisms on the Burnside Bill, 388, 481—Captain Ericsson, 397, and the Frontier, 491—Burnside Army Bill and other Reorganization Bills (see Reorganization Bill under Army)—Forty-fifth End of, 550—And the Army, 496, 552, 568—Deficiency Bill, 566—Bill for Enlistment of Volunteer Laborers, 588.
Company Books, Cushing's, 185.
Compass Equipment of Iron ships, 435.
Commune in Chicago, 622.
Corrections, 374.
Creedmoor, 104—Fall Matches at, 60, 61.
Custer Battle Field, A Visit to, 101, 501.
Cyprus, 95.
Davis, Jeff., Plot for his Assassination, 746.
Debts to a Comrade, 628.
Deep Sea Soundings, 716, 752.
Desertion, Remedies for, 498.
Don Cameron, Losses by steamer, 492.
Dynamite Shells, 500.
Education of Officers, 372.
Egypt, American Officers in, 27.
End-on Fire, Tactically considered, 557.
England's Parallel to the Custer Massacre, 589.
English Government, The, 105.
Environment of the Man of the Sea, 695.
Equipment, 231, 633, 914—Board, 357, 430, 582, 617, 717—Report of Board, 934, 985, 956—Bayonet, 826—New Model Breech Sight, The, 773—Bayonets and Swords, 987—General Miles on, 206—Letter from Colonel Benton, 415—Improved Weapons for the Army, 338, 439—Changes in Weapons, 480—Lee Magazine Rifle, 746—New Designs, 189—Oliver's Spade, 111—Of French Infantry, 15—Revolving Cartridge Belt, 173—The New Buckhorn Sights, 734—Metal Cartridges, Exports of, 21—Sabres, Are they Useless? 27—Valise Knapsack, 473—Shall our Troops have better Small Arms, 274—Small Arms, Care of, in Service, 485—Lariat's Rawhide, 100—Army Shoulder Straps, 734.
Erbwurst as a ration, 558.
Ericsson, John, 589.
Ex-Secretary's Robeson's Defence, 444.
Extra Pay to Mexican Veterans, 673.
Explosive, A New, 774.
Fatality of the Letter S, 102.
Field Fortifications, 297.
First Artillery, Haskin's History of, 568, 569, 637.
Fishery Award, The, 255.
Fog Signals, 62.
Fort Tactics of the Future, 230.
Fortieth Parallel Survey, 637.
Fourteenth Amendment, 74.
Fremont, General, Dinner to, 14.
French Indemnity, The, 869.
Fry, Gen. J. B., 899.
Fuel and Forage, 89.
Game of War Strategos, 885, 892.
Gas Lit Buoys, 486.
Gelatine Dynamite, 208, 446.
Gibson, Restoration of Lieut.-Com., 387.
Gillmore, Gen. Q. A., Articles by, 678, 697, 714.
Grand Army Encampment at Deckertown, N. J., 63.
Grant and Sherman, 101.
Grant, Gen., 62, 85, 155, 202, 300, 476, 609, 664, 827, 847, 895, 981—And the Czar, 43—Never a Tanner, 311—Proposition to make him a Field Marshal, 496.
Guatemala, Breech-Loading Cannon for, 454.
Gulf of Mexico, Surveying in, 39.
Gulf Squadron, Survivors of the, 718.
Guns, (see Artillery, and Ordnance.) 734.
Hayti, Revolution in, 939.
Halleck's International Law Adopted by British Admiralty, 814.
Hammond, Surgeon-Gen., 494.
Hampton Normal Institute, 771—Indians at, 810.
Hambright, Gen. H. A., 867.
Hartford, The old, 789.
Hawley, Gen., Oration, 851.
History of the Flag, new Edition, 266.
History Repeats Itself, 747.
Howgate Expedition, The, 103, 203, 218.
Hydrographic Office, History of the, 753.
Indian Office Quarrel, 415.
Indian Bureau, 714—Transfer of, 56, 460.
Indian Attack, An, 87—Cavalry, 370—Forays, 278—Management, 292—The Service, 306—Management of, 255—Hostilities Threatened, 852, 958.
Indian Question, Gen. Miles on the, 374—Gen. Gibbon on the, 410.

Indians, Punishing the, 116—Capt. Renidlebrook's Correction, 223—Civilizing the, 237—Gen. Sherman's Opinion, 275—Execution of two, 411—Chief Joseph's own Story, 586—How to Settle Sitting Bull, 622—Gen. Miles's Campaign, 851, 938, 957, 958—Ode to the Friendless, 794.
Indian Problem, The, 370—Gen. Miles on, 305, 516—Prisoners, 385—Sitting Bull, 604—Sun Dances, 887.
Indian Scouts, 949.
Indian Affairs, 5, 21, 54, 70, 101, 149, 165, 478, 498, 750, 865, 887, 906.
Indiana, Alaska, 581, 587, 617—Arrapahoes, 150—Bannocks, Gen. Miles's Fight with, 201—Cheyennes, 118, 149, 150, 158, 166, 185, 201, 217, 221, 319, 368, 438, 453, 571, 587, 617, 658, 678, 729, 745, 872—Dakotas, 716—Modocs, 581—Nez Percés, 296, 581, 845—Poncas, 617, 633, 745—Sioux, 48, 73, 118, 201, 678, 692, 721, 729, 957, 958—Umatillas, 140—Warm Spring, 148, 673.
Interoceanic Canal, 73, 713, 751, 754, 772, 791, 898, 936, 953.
Iquique, Naval Battle off, 827, 828, 848, 858, 911.
Iron Clads, foreign, 431 (See Navy.)
Iron Clad Maneuvres, 31.
Iron Ship Building, First step in, 257.
Isherwood, Mr., Again, 103.
Isles of the Sea, 661.
James, Lieut.-Col. H. W., 217.
Jeanette, The, 550, 748, 888.
Johnston, Albert Sidney, 106.
Jouett's, Capt., Claims, 954.
Khedive, Gen Loring on the, 849.
King Killing, The Mania for, 254.
Kriegsspiel, 539.
La Marseillaise, Origin of, 574.
Landmarks at the Capital, 813.
Laundrymen Post, 957.
Law v. Experience, Officers Responsible for their Wives' Acts, 500.
Life Boat, Bates's Sectional, 789.
Life Saving Service, 7, 23, 497, 497—Hunt's Apparatus, 55—Jouett and Hoff's Apparatus, 780.
Life Saving Service, Annual Report, 253.
Life Saving Medals Awarded, 787, 906.
Lincoln, Capt., Trial of, 786.
Logan's Rebel Volunteers, 746.
Longstreet, Gen., on the War, 958.
Lookout Mountain, Battle of, 21, 118.
Mallory Propeller, The, 123.
Manassas, Battle Field of, 660.
Manufacturing History, 873.
Marine Corps, 255, 809—Annual Report, 253, 255—Masters-at-Arms, 695—Equipment, 790.
Marine Corps, Changes in, 270, 371, 387, 435, 456, 476, 555, 603, 749, 768, 789, 849, 868, 888, 911, 933.
Marines at Paris Exposition, 808.
Marine G. C. M., 695.
Meade, Gen., Statue to, 369.
Mexico, 72—Annexation of, 38—What shall be done with, 40—And the United States, 78.
Mexican Border Question, 8—Disturbances, 88—War, Memories of, 107—Veterans, Back pay for, 553, 998—War, Three months' pay for, 568.
Mileage for Naval Officers, 733.
Military Inventions, New, 537, 549, 578, 610, 703, 720, 747, 884, 874, 907—Literature, 9—Reservations, 370—Establishment, Our, in 1790, 699—Education, General Sherman on, 62—Service Institution, 80, 121, 256, 297, 473, 480, 664, 832—Telegraphs, 271.
Militia, Gen. Johnson's plan for reorganization, 292, 294.
Mississippi River Commission, 867—Jetties, 894, 910, 933.
Mitrailleuse, 278—The Bailey Gun, 626—The Gatling Gun, 672—Trials with, in British Navy, 14; At Wimbledon, 58; Abroad, 591; Drill, 505; Protection Against, 921; For Zululand, 701—The Hotchkiss Gun, 238, 427, 435, 883, 934—Lowell Machine Gun, 191—Evans' Machine Gun, 191, 536.
Montana recommended as separate Military Department, 511.
Napoleon, Death of Prince, 851, 853, 871, 891, 914, 956.
Nast, Testimonial, 27, 74, 75, 372—And Reception, 475, 480, 653.
National Guard (see each number).
National Board of Health, 810, 932.
National Military Convention, 440.
Nautical Almanac, 729.
Naval Confirmations, 868.
Naval Cutlasses, The, 716.
Naval Assistants, Board of, 11, 308.
Naval Courts-martial, 439; and Registers, 416; Court of Inquiry, O'Reilly, 287; Reed's, 718; Geo. A. Deering, 808—Construction, Progress in, 484—Education, 688—Hospital, Norfolk, Fire at, 584—Good Templars, 908—Institute, 322, 374, 387, 434, 485, 619, 676, 895, 769—Mileage, 748—Names, 416; Jokes in the Cabinet, 933.
Naval Observatory, The, 793—The New, 158.
Naval Ordnance, Our, 120.
Naval Guns, 780—The problem of, 806.

Naval Officers, Retired, 38—Pay of, 619.
Naval Reserve, 984.
Naval Survey in Brazil, 88.
Naval Telephone, 432.
Naval Training System, Our, 343.
Naval Uniforms, 201, 369—Change of, 292.
Navies, Foreign, Strength of, 497.
Navigation, Bureau of, Meteorological Charts, 358.
Navy Gazette (see each number).
Navy, 22, 54, 86, 284, 306, 475, 502, 514, 550, 566, 602, 618, 634—Our, 458, 459—Our, Past and Present, 323—Advancing Thirty Numbers in the, 791—Air and Moisture on Shipboard, 397—Attacking the Holystone, 397—Amazon River Survey, 187—An Aid to Safe Navigation, 752—Bill, 357—Appropriation Bill, 515—Constitution, Tribute to the Frigate, 681—In Congress, 718—Confirmations, 712—Condition of, 28, 606—Pay Certificates, Bogus, 71—Regulation Circular No. 18, 80—Department Circular, 656—Electric Light in, 809—Enlisted Force, 88—Equipment of Boys, 788—Training of Boys, 718—Estimates, 219—Fatality of Letter "S," 70—Functions of, 515—How to Perpetuate Our, 870—Health of Ships' Companies, 788—International Regatta, 70—Life Preserving Mattress, 412—Nominations to Senate, 287, 323, 657, 768, 809—Number of Enlisted Persons in, 218—Promotion for Assistant Paymasters, 749—Officers in Mexican War, 812—Refrigerating Plans, 729, 848—Register, 738, 769, 716—Retirement in, 626—Reward for Yellow Fever Service, 729—Saratoga, Officer of, in 1848, 681—A Chapter of Naval History, 609—Small Vessels for, 769—Senator McPherson's Plan for Reducing, 869—Scientific Services, 715—Sick Seamen, Our, 39—Soundings by the Essex, 38—Thiers' Ventilating Apparatus, 748—Training Ships, 38—Torpedo Exercises, 70—Vessels for Hospitals, 762—Volunteers, 517—Abolition of, 515—Von Beyer's Diagram for Heights and Distances, 748—A Yeoman's Questions, 792—Register, Semi-annual, 954.
Navy, The British, 79, 127, 445, 506—Review of Practice Squadron, 55, 94—Torpedo Battle, 119—Eurydice Accident, 121—The Dreadnought, 221—Flogging in, 912, 938—Torpedo Boats, British, 297—A Bishop for, 374—The Conqueror, 418—Account of the Thunderer, 438, 460, 485, 503, 523, 538, 554, 570, 585—Merchant Navy, 445—Fire on Duke of Wellington, 484—Number of Vessels in, 484—Ironclads, 540—Mutual Aid Association, 958.
Navy, The Chinese, 515.
Navy, The French, 70, 445—The La Galissoniere at New York, 881, 911.
Navy, The German, 58, 491, 518, 797, 949.
Navy, The Italian, New Ironclads, 39.
Navy, The Japanese, 71.
Navy, The Russian, 508, 958.
Navy, The Spanish, Loss of Frigate, 119.
New Mexico, Lawlessness in, 186.
Newspapers, 481.
NAVY, U. S., VESSELS OF.
Adams, 86, 102, 119, 270, 306, 455, 476, 514, 584, 602, 748, 768, 848, 932, 952.
Alarm, 412, 729, 768, 808, 853, 952.
Alaska, 54, 218, 234, 270, 434, 455, 476, 514, 566, 602, 618, 634, 676, 888, 932, 911.
Alert, 6, 86, 234, 287, 306, 412, 435, 496, 532, 560, 602, 952.
Alliance, 6, 150, 306, 455, 496, 550, 602, 634, 676, 713, 932, 952.
Antietam, 434, 872.
Ashuelot, 6, 86, 234, 306, 435, 496, 532, 618, 634, 677, 808, 888, 952.
Bache, 270, 656.
Blake, 371, 387, 412, 455, 532.
Camanche, 38, 602.
Canonicus, 11, 22, 218, 695, 729, 788.
Colorado, 270, 371, 475, 584, 952.
Constellation, 6, 86, 119, 322, 475, 712, 748, 868, 888, 910, 923, 952.
Constitution, 251, 306, 322, 455, 475, 496, 514, 532, 550, 566, 584, 677, 768, 788, 808, 888, 910, 923, 952.
Dictator, 387.
Despatch, 532, 550, 602, 618, 634, 695, 748, 868, 888, 910.
Enterprise, 70, 294, 435, 455, 496, 534, 848, 888, 932, 952.
Essex, 38, 55, 119, 202, 455, 514, 532, 634, 952.
Fortune, 64, 119, 284, 455, 634, 952.
Franklin, 86, 284, 952.
Galena, 566, 585.
Gettysburg, 6, 86, 102, 119, 202, 270, 287, 434, 455, 496, 532, 550, 634, 676, 720, 748, 768.
Guard, 55, 202, 354, 566.
Hartford, 55, 287, 514, 532, 729, 748, 768, 843, 932, 952.
Huron, 202, 218, 251.
Intrepid, 64, 952.
Iowa, 267.
Independence, 602, 952.
Iroquois, 602.
Jamestown, 186, 532, 602, 656, 708, 888, 910, 952.
Junius, 86, 186.
Kearsear, 412, 514, 566, 848, 888, 932, 952.
Lackawanna, 38, 54, 119, 160, 202, 234, 455, 476, 584, 602, 748, 952.
Lancaster, 768.
Leyden, 6, 768.
Marion, 38, 251, 287, 322, 371, 394, 445, 602, 684, 712, 748, 768, 828, 848, 888, 932, 952.
Mayflower, 6, 70, 102, 560, 828, 888, 932, 952.
Miantonomoh, 251, 712.
Michigan, 6, 38, 54, 634, 910, 952.
Minnesota, 54, 56, 102, 202, 234, 561, 618, 656, 932, 911, 932, 952.
Modock, 532.
Monadnock, 602.
Monocacy, 6, 71, 86, 186, 234, 412, 435, 495, 585, 888, 932.
Monongahela, 6, 86, 234, 251, 306, 435, 496, 677, 808, 888, 932.
Montauk, 952.
Quinnebog, 6, 102, 150, 186, 218, 270, 287, 300, 322, 341, 412, 475, 532, 550, 602, 619, 634, 676, 713, 828, 868, 932, 952.
Ranger, 6, 86, 234, 306, 435, 496, 619, 677, 808, 888, 932.
Rio Bravo, 952.
Richmond, 6, 38, 186, 234, 218, 371, 387, 495, 550, 566, 584, 602, 634, 695, 748, 808.
St. Mary's, 6, 932, 952.
Santee, 22, 354, 550.
Saratoga, 54, 86, 150, 218, 234, 306, 550, 566, 768, 808, 888, 910, 932, 952.
Speedwell, 119, 150, 868, 910, 932, 952.
Standish, 28, 618, 748, 828, 888, 932, 952.
St. Louis, 952.
Supply, 102, 158, 234, 434, 455, 514, 532, 584, 618, 677, 695.
Swatara, 6, 218, 712, 788.
Tallapoosa, 6, 22, 88, 54, 102, 119, 150, 202, 234, 322, 412, 455, 602, 634, 656, 676, 695, 712, 748, 729, 788, 808, 910, 932, 952.
Tennessee, 189, 497, 514, 616.
Ticonderoga, 86, 150, 218, 234, 292, 251, 306, 322, 514, 603, 656, 748, 792, 808, 932, 952.
Trenton, 293, 455, 496, 614, 602, 618, 619, 634, 660, 676, 713, 729, 748, 848, 868, 888, 910, 932, 952.
Tuscarora, 6, 54, 168, 202, 306, 456, 476, 608, 872, 952.
Vandalia, 38, 54, 287, 322, 354, 371, 413, 434, 455, 566, 584, 602, 660, 676, 728, 740, 765, 788, 808, 828, 848, 888, 910, 932, 952.
Wabash, 6, 371, 676, 952.
Wachusett, 6, 166, 412, 234, 514, 712, 748, 788, 828, 868, 910, 932, 952.
Wyandotte, 952.
Wyoming, 22, 38, 54, 58, 70, 86, 102, 218, 251, 371, 452, 455, 496, 550, 634, 748, 768, 808, 932, 952.
Navy-yards, 270, 729; Boston, 38, 186, 202, 371, 677, 695; Brooklyn, 38, 603, 848; Gosport, 809; League Island, 38, 186, 202, 251, 323, 387, 586; Mare Island, 38, 119, 150, 618, 665; Norfolk, 38, 910, 932; Portsmouth, 38, 86, 150, 412, 911; Washington, 808, 910.
Navy Department, Report of Secretary, 266, 293; Bureau of Yards and Docks, Annual Report, 252, 270; Bureau of Navigation, Annual Report, 252, 271; Circulars and Orders, 39, 151, 166, 322, 371, 496, 666, 788, 808, 910; G. C. M. Orders, 567.
Admiral Porter, 676, 767; Rear-Admirals Almy, John J., 11; Ammen, 656, 894; Godon, S. W., 495; Howell, John C., 22, 932; Trenchard, 71; Taylor, 931; Warden's Libel Suit, 769, 932; Wyman, 931, 932; Shufeldt, Commodore, 251, 274, 341, 412.
OBITUARIES.
Anderson, R. H., 871—Alexander, B. S., 332, 339—Ayres, Mrs. E. L. G., 236—Blaze, Charles F., 567—Bennett, H. H., 184—Bennet, A. S., 948—Bewerton, H., 673—Bradford, J. O., 671—Buchanan, R. C., 296—Byers, J. K., 943—Cawdill, Gen. 477—Cain, A. B., 360, 639—Carroll, Lt., 767—Clark, W. B., 701—Clark, E., 618, 668—Corning, G. H., 906—Cushing, Caleb, 385—Day, Murray S., 551—Dir. J. A., 650—Dodd, H. H., 485—Dodd, Major F. B., 6, U. S. M. C., 603—Fisher, T. H., 905—Garrett, K., 747—Godon, L. W., 749, 808, 847—Gordon, Geo. A., 200, 229—Guest, John, 419, 413—Gurney, Gen., 477—Hayden, J., 301—Hene, L., 267—Horn, Lt. Austin, 3, 19, 223—Hendrickson, T., 202, 254—Hoff, H. F., 354, 371—Howe, M. W., 877—Howe, J. S., 945, 959—Hoyle, N., 747—Kimbrell, J., 748, 768—Kraus, Jules, 891—Lewis, W. H., 149, 154, 185—Loe, S. H., 891—Loche, C. F., 304—McCullum, D. C., 369—McCawley, H. M., 864, 886, 904—McDermott, G., 48—Mackenzie, J. G., 569—Martin, Asst. Surg., E. M., 51—Mansen, O., 79—Mayer, Mayer Brantz, U. S. A., 495—Merritt, A., 8, 90, 949—Parrott, E. G., 730, 808—Parson, Rev. C. G., 50—Paulding, Hiram, 186, 188, 208, 256—Perry, Oliver Hazard, 87—Polland, M. L., 41—Pook, L. M., 227—Persons, Memorial, 268—Rodgers, Capt. P., 517—Cavalry, 32, 65—Rodgers, C. P., 116—Renshaw, R. S., 617—Rommert, Gen. A. L., 14—Rucker, Lt. 2, 19, 223—Schleicher, G., 411—Sherman, T. W., 659—Shields, J., 785, 808, 817—Spicer, Commodore, 293—Sprague, Col. J. T., U. S. A., 91—Stratton, F., 61—Stewart, Joseph, 944—Starrett, S. A., 93—Swift, W. H., 664, 721—Sturtevant, Alfred, 669, 723, 745, 877, 908—Taylor, Richard, 666—Thornington, Lt. M. F., 516—Infantry, 182, 248—Higham, H. C., 658—Wallace, T. E., 884, 468—Warrington, Lt., 428—West, W. C., 871—Williams, A. S., 329—Woodruff, J. C., 308, 342—Woodworth, Dr. J. M., 828—Yarnall, Professor Mordecai, 567.
Ordnance, American, Abroad, 773—Corps Legislati., 397—Conversion of,

Physiology on the Tennessee, 407.
Tillow, Gen. G. J., 188.
Plain Speaking, 74.
Polaris Expedition, Second Narrative, 374.
Pope's Virginia Campaign, Lippitt's Work on, 33.
POETRY.
God is the Pilot, 74—The Major's Toast, 78—Bayard Wilkeson, 257—On Disbanding the Army in 1815, 257—Farewell to Battery F, 3d Artillery, 284—Veteran and Recruit, 305—A Ship That Went Down, 328—The Horse, 583—Charge of Co. K, 583—Manhattan, Dear Isle, 610—Battle of Monterey, 661—Washington and the Flag, 849—Of Zulus, 869—Pledge to the Dead, 874—Sick Call at the Front, 874.
Postage, on Official Business, 906.
Post, Laundryman, 957.
Post Schools, Overseers of, 616.
Preble, Commodore Edward, Services of, 443, 456.
President of the United States, Proclamation, 146.
Pro motions in Congress, 678.
Provision for Old Soldiers, 133.
Quebec, The Walls of, 75.
Range Finder, New, 107—Berdan's, 662.
Range Finding, a New Method, 378.
Rebel's Recollections, A, 223.
Religion in the Army, Beecher's Letter on, 571.
Reminiscence of Forbes Britton, A, 399.
Reno, Gen., Circumstances of His Death, 297, 386.
Revenue Marine, 62, 87.
Reversing Screw, Value of the, 108, 354.
Reynolds, Gen., Monument to, 370.
Reefing and Furling Sails, Improvement in Method, 457.
Rio Grande, The, 42, 118.
RIFLES.
American in England, 11—Military, 189—Long Range, Effectiveness, 260—Martini, 298—Foreign Infantry, 375, 378—Repeating, 389, 394, 417, 427, 464—Kropatschek, 428—Krag, 464—For Officers, 471—Martini-Henry, Tests of, at Aldershot, 508—Breech Sights, 600—Cost of Manufacturing the Springfield, 665—Small Arms Used by the Zulus, 956—Lee Magazine Rifle, 746.
Rifle Practice, 16, 20, 117, 185, 217, 352, 386, 452, 492, 561, 617, 659; 688, 700, 729, 746, 765, 794, 780, 291, 505, 825, 845, 865, 884, 891, 900, 918, 930, 949—Electricity Used with Targets, 15—In France, 20—Manu, Wingate's (sixth edition), 21—Skirmishers' Match at Creedmoor, 29—Circular, 37—Military vs. Sporting, 37, 70—National Rifle Association, 12, 60, 492, 566, 644; Prize, 41—International Military Match, 57, 85, 100, 109, 118, 124—Targets, 68—Army and Navy Journal Match, 105—Accidents to Markers at Ranges, 191—Best Score on Record, 155—4th Artillery, 248—At Angel Island, 548—Orders to Military Teams, 565—Military Position in, 572—In Regular Army, 617, 770—Rules for, 624—Of British Troops, 720—Military, in United States, 748—Intercollegiate Match, 754—Gen. Gibbon's Criticisms, 831—Target Record, 832—Winnings at Wimbledon, 965—Abroad, 966.
Robeson, Ex-Secretary, His Vindication, 631.
Runkle, Major B. P., Case of, 607.
Russo-Turkish War, Green's History of, 191, 679—Forces Engaged, 869—Aid to Wounded in, 585.
Russian and Turkish Soldiers, 79, 118.
Russia, Expenses in War with Turkey, 486.
Russian Cruisers, The, 187, 271, 354, 371, 591, 921.
Sailor Yarns, Some, 151.
Sailors, Soldiers and Whiskey, 507.
St. Augustine, Fla., 588.
Sand Hills, Scout in, 547.
Saving Life at Sea, 7, 23.
Schurz, Secretary, 373, and Sheridan Controversy, 431.
Sea Coast Defences, 324.
Sea Coast, How Shall We Defend, 678, 697, 714, 775.
Sensational Story Spoiled, 123.
Schwartz, Lieut., Commanding Franklin Search Party, Letter from, 297.
Service Thoughts and Discussions, 588.
Sea Foams, 169, 190, 208, 219, 257, 275, 307, 342, 371, 394, 476, 502, 514, 533, 551, 594, 616, 735.
Shenandoah, Fate of the, 787.
Ship, Construction, Modern War, 261—Steel, 354, 817, 889—Barnaby, Mr., on Protected Ships, 9—Broad Ships, 90.
Signals, Commodore Beaumont's, 600—Flashing, 921—Rockets, New, 950.
Silver-Work, Relative Excellence of American and English, 495.
Small Arms (See Equipment Rifle and Ordnance.)
Soldier as Citizen, The, 631.
Soldiers on the Frontier, Gen. Terry on, 50.
Somers, The Brig, 187, 206.
South Boston Iron Company, 503.
South American War, The, 680, 715, 721, 732, 748, 751, 771, 792, 817, 852, 892, 893, 937, 953.
Staff Officers, Authority Limits of, 431.
Stony Point Centenary, 891, 913.
Stanton, Hon. E. M., Circumstances of his death, 676, 718.
State Troops and the Army, 255.
State Records, Secretary of War on Question of Surrendering, 85.
Striking a Devil Fish, 461.
Sturgis, S. D., 444.
Sub-Treasury, N. Y., Protection for, 433.
Sun Telegraphy, 701.
Surveys, Government, 415.
Surgeons, English and American, 479.
Societies, Gathering at Albany, 826—Army of Northern Virginia, 201—Army of the Potomac, 718, 745—Army of Tennessee, 118, 201, 217.
Target Practice (See Rifle Practice.)
Tatnall, Commodore Josiah, Reminiscences of, 307.
Taylor and Taylor, 702.
Tent, Major Burt's Skeleton, 280.
Telephone on Ships of War, 169.
Thomas, Gen. Ward's Statue of, 783.
Thompson, Secretary, 6.
Thirty Years at Sea, 358.
Third Army Corps Union, 718.
Tobin, Private, Petition for his Pardon, 155.
Tonite, 203, 446.
Torpedoes, 593—Experiments, 7—Telephonic, 87—Admiral Porte, on, 89—Report of Board, 103—Trial, 253—Operations in the Black Sea, 271—Harvey Sea, 314—Improved Fish, 921—Week's, 515—Lay and Others, 637.
Torpedo Boats, 297, 485, 921—The Garrett

Torpedo Boat, 178—Russian Torpedo Boats, 260—The Torpedo Vessel Destroyer, 25, 172, 253, 290—Torpedo Boat Experiments, 729—Battle, 119.
Torpedo School at Newport, 86.
Torpedo Station, Newport, 476.
Turkey—Lessons from War, 22, 959.
Turkish Losses, 101—“Order of the Imtiyaz,” 506.
Truth is Stranger Than Fiction, 111.
Uniform, Naval, 374—Campaign Hats, 399—At Evening Entertainments, 791.
United Service, The, 373.
Underground Temperatures, 587.
Vase Presented to Mr. Nag, 475.
Velocity of Light, The, 605.
Ventilation of Ships of War, 554, 585.
Veto, The Second, 732.
Victims of Executive Clemency, 417.
Von Moltke, Career of, 479.
Von Roon, Death of, 530, 536.
Wallace, Gen. Lew, 118.
War Office, The, 291.
War Department, The, and the Army, 375—History of the, 955.
Warren, Gen., on the Valleys of the Minnesota and Mississippi Rivers, 398.
Washington, George, Original Writ of Attachment, 794.
Wayne, H. C., Explanation from, 42.
Weapons in Warfare, 152.
West Point Chain, The, 123.
West Point and Secession, 310—Visitors Report for 1878, 238—Best Artist, 377—An Incident, 778—And Woolwich, 871 (See Academy, Military.)
Wilson, Henry, Monument to, 178.
Wren, Confederate Cruiser, Decision in Case of, 107.
Yellow Fever, 57, 949—On the Plymouth, 657, 713, 780—On Shipboard, 348—At Jackson Barracks, 189—Experience at a Yellow Fever Camp, 190—Dr. Wm. Martin's Services, 250—Contributions, 85, 934—Fund, 107, 119, 121, 150, 155, 186, 210, 218, 256, 283, 311, 341—Experiences, 368—Benner Fund, 270, 754, 807.
Zulu War, The, 490, 505, 681, 688, 771, 786, 789, 791, 794, 810, 817, 888, 872, 877, 890, 941, 953, 958—Brains vs. Muscle, 659.
Zulu Army, 533; A Zulu Attack, 757.
Zulus and Indians, 751.

